

IKO NAU 4905UU cylindrical roller bearings

IKO NAU 4905UU cylindrical roller bearings Engineering Calculator , 14000 Series Manufacturing Service . Get Your Free.

Series	14000
Cone Part Number	14119A
Cup Part Number	14284
Design Units	Imperial
Bearing Weight	0.4 Kg
Cage Type	Stamped Steel
d	30.226 mm
D	71.996 mm
B – Cone Width	19.583 mm
C – Cup Width	18.415 mm
B	22.385 mm
R – Cone Backface To Clear Radius ¹	0.760 mm
r – Cup Backface To Clear Radius ²	2.29 mm
da – Cone Frontface Backing Diameter	42.42 mm
db – Cone Backface Backing Diameter	38.10 mm
Da – Cup Frontface Backing Diameter	66.00 mm
Db – Cup Backface Backing Diameter	59.94 mm
Ab – Cage-Cone Frontface Clearance	1.8 mm
Aa – Cage-Cone Backface Clearance	0.5 mm
a – Effective Center Location ³	-4.3 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	3180 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	12300 lbf
C0 – Static Radial Rating	13900 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	2080 lbf
K – Factor ⁷	1.53
e – ISO Factor ⁸	0.38
Y – ISO Factor ⁹	1.57
G1 – Heat Generation Factor (Roller-Raceway)	18
G2 – Heat Generation Factor (Rib-Roller End)	13.3
Cg – Geometry Factor	0.0668